



# SEQUENCE LISTING

<110> Hsu, Ching-Hsiang

<120> Process for Producing Dust Mite Allergen

<130> 001409.00008

<140> US 10/750,887

<141> 2004-01-05

<160> 14

<170> PatentIn version 3.2

<210> 1

<211> 5

<212> PRT

<213> Zucchini yellow mosaic virus

<220>

<221> MISC\_FEATURE

<222> (1)..(5)

<223> NIa-protease cleavage site

<220>

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<222> (5)..(5)

<223> X = Gln or Ser

<400> 1

Ser Val Arg Leu Xaa

1 5

<210> 2

<211> 6

<212> DNA

<213> Artificial

<220>

<223> Poly(A) addition signal

<400> 2

aataaa

6

<210> 3

<211> 27

<212> DNA

<213> Zucchini yellow mosaic virus

<400> 3

tattcgtcgc aaccggaagt tcagttc

27

<210> 4

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<400> 4

Tyr Ser Ser Gln Pro Glu Val Gln Phe  
 1 5

<210> 5  
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<220>  
 <223> NcoI site was created between the N-terminal 2nd and 3rd amino acid of the HC-Pro coding sequence for insertion of a foreign gene

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Thr Ala Thr Thr Cys Gly Thr Cys Gly Ala Cys Cys Ala Thr Gly Gly  
 1 5 10 15

Ala Ala Gly Thr Thr Cys Ala Gly Thr Thr Cys  
 20 25

<210> 6  
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<400> 6

Tyr Ser Ser Thr Met Glu Val Gln Phe  
 1 5

<210> 7  
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 <223> Coding sequence for a fragment of ZYMV-GFPHis

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36

<210> 8  
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<212> PRT  
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 <223> Fragment of ZYMV-GFPHis  
  
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 <222> (3)..(4)  
 <223> P1 protease  
  
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 Asp His Tyr Ser Ser Thr Met Ala Cys Gly Pro Val  
 1 5 10

<210> 9  
 <211> 72  
 <212> DNA  
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 tacaagacgc gtggtacccc gcggcatcat caccatcatc actccgtacg gctccagtca 60  
 tccatggaag tt 72

<210> 10  
 <211> 24  
 <212> PRT  
 <213> Artificial  
  
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 <223> Fragment of ZYMV-GFPHis  
  
 <220>  
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 <222> (19)..(20)  
 <223> NIa protease  
  
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 Tyr Lys Thr Arg Gly Thr Pro Arg His His His His His His Ser Val  
 1 5 10 15

Arg Leu Gln Ser Ser Met Glu Val  
 20

<210> 11  
 <211> 30  
 <212> DNA  
 <213> Artificial

<220>  
 <223> Coding sequence for a fragment of ZYMV-Derp5  
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<210> 12  
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 <212> PRT  
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 Asp His Tyr Ser Ser Thr Met Ala Cys Asp  
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<210> 13  
 <211> 63  
 <212> DNA  
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<220>  
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 gtt 63

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 <222> (16)..(17)  
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<400> 14  
 Val Gly Thr Pro Arg His His His His His Ser Val Arg Leu Gln  
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Ser Ser Met Glu Val  
20